

MULTIMEDIA



UNIVERSITY

STUDENT ID NO

--	--	--	--	--	--	--	--	--	--

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 1, 2017/2018

DAC5018 – COMPUTER APPLICATIONS

(For DIA & DBA only)

16 OCTOBER 2017
2.30 p.m. – 4.30 p.m.
(2 Hours)

INSTRUCTIONS TO STUDENT:

1. This question paper consists of **SEVEN (7) pages**.
2. Answer **ALL** questions in **Section A** on the **OMR sheet**.
3. Answer **ALL** questions in **Section B** in the **Answer Booklet**.

Section A: 40 Multiple Choice Questions (40 marks)*Instruction: Shade your answers on the OMR sheet.*

1. _____ controls all functions of the computer's components.
 - A. Hard disk
 - B. External hard drive
 - C. Solid-state disk
 - D. Central Processing Unit
2. Which one of the following is the input device?
 - A. Keyboard
 - B. Monitor
 - C. Printer
 - D. Speaker
3. A unique combination of 8 bits of 0s and 1s is referred to as _____.
 - A. bit
 - B. byte
 - C. ROM
 - D. Flashdrive
4. When you are working on a document on PC, the document temporarily stored in _____.
 - A. RAM
 - B. ROM
 - C. CPU
 - D. CD-ROM
5. Which one of the four major functions of a computer is responsible for manipulating, calculating, and organizing data into information?
 - A. Processing
 - B. Storage
 - C. Input
 - D. Output
6. The Internet is referred as a(an) _____.
 - A. military system
 - B. software
 - C. large network of networks
 - D. internal communication system for businesses
7. Software that enables you to display and interact with text and other media on the web is a web _____.
 - A. browser
 - B. client
 - C. server
 - D. agent

Continued...

8. A computer connected to the Internet and asks for data is known as a _____.
A. hosting
B. client
C. server
D. web
9. The unique identification number assigned to your computer when you connect to the Internet is referred as _____.
A. IP address
B. email
C. hosting
D. path
10. _____ is a professional, business-oriented social networking site.
A. LinkedIn
B. Twitter
C. Pinterest
D. Flickr
11. _____ is an application in which the vendor hosts the software online over the Internet and you do not have to install the software on your computer.
A. Open Source as a Service
B. Proprietary as a Service
C. Software as a Service
D. Webware as a Service
12. All of the following are types of multimedia and entertainment software **EXCEPT** _____.
A. digital audio software
B. gaming software
C. drawing software
D. UBS software
13. A(n) _____ software installation installs all the most commonly used files to your computer's hard drive.
A. full
B. upgrade
C. custom
D. new
14. Microsoft Excel is a _____ software program.
A. spreadsheet
B. graphic
C. database
D. animation
15. Web-based application software is software that _____.
A. is always free
B. does not need an Internet connection
C. is installed by the computer manufacturer
D. is stored completely on a web server instead of your hard drive

Continued...

16. The main reason to encrypt a file is to _____.
A. include it in the start-up sequence
B. secure it for transmission
C. prepare it for backup
D. reduce its size
17. Which of the following is **NOT** an operating system?
A. Linux
B. Windows
C. Mac OS X
D. Microsoft Office
18. Which one of the following loader is executed when a system is first turned on or restarted?
A. Compile and go loader
B. Bootstrap loader
C. Relating loader
D. Boot loader
19. The process of optimizing RAM storage by borrowing hard drive space is known as _____.
A. virtual memory
B. paging
C. multitasking
D. interrupt handler
20. A computer system that permits multiple users to run programs at the same time is referred to as _____.
A. real time system
B. distributing system
C. time sharing system
D. multi-tasking system
21. SSDs are classified as what type of storage?
A. volatile
B. nonvolatile
C. video
D. cache
22. Which one of the following is **NOT** a type of video port?
A. DVI
B. HDMI
C. USB 3.0
D. Display port
23. Which one of the following is the most important component in the system unit?
A. Motherboard
B. Hard disk
C. CD-ROM
D. Operating System

Continued...

24. The memory device that provides a computer with very large, long-term storage area for storing programs and data even when the computer is off is known as _____.
- A. hard drive
 - B. registers
 - C. cache
 - D. RAM
25. Running the CPU at a faster speed than the manufacturer recommends is called _____.
- A. overclocking
 - B. hyperthreading
 - C. booting
 - D. routing
26. All of the following are types of memory **EXCEPT** _____.
- A. BIOS
 - B. cache
 - C. RAM
 - D. CPU registers
27. The term _____ refers to the use of a single unifying device that handles media, Internet, entertainment and telephone needs.
- A. telephony
 - B. digital convergence
 - C. mobile switching center
 - D. multimedia message service
28. The primary input devices for smartphones are _____.
- A. keyboard and mouse
 - B. microphone and touch pad
 - C. microphone and mouse
 - D. touch pad and digital camera
29. Google _____ is an online store that delivers software for Android devices.
- A. Fun
 - B. Play
 - C. Sport
 - D. Games
30. Which one of the following uses radio waves to transmit data signals over short distances?
- A. VoIP
 - B. Infrared
 - C. Bluetooth
 - D. Wireless access protocol

Continued...

31. An Internet connectivity plan is also known as a _____ plan in smartphone.
- A. text
 - B. data
 - C. mobile
 - D. network
32. A main difference between the tablet and the smartphone is the _____.
- A. screen size
 - B. operating system
 - C. touch-screen interface
 - D. Internet connectivity
33. Your mobile device files can be synchronized using a _____.
- A. converter
 - B. display adapter
 - C. cloud service
 - D. secure digital transmission
34. Which one of the following statement is **NOT TRUE** about computer viruses?
- A. It is only infected to a personal computer.
 - B. Virus replication can slow down networks.
 - C. Replicates itself and copies its code into as many host files as possible.
 - D. Viruses have a greater chance of being copied to another computer system to spread its infection.
35. A virus changes its own code or periodically rewrites itself to avoid detection and it mostly infects a particular type of file such as .EXE files. This virus is known as _____.
- A. stealth virus
 - B. encryption virus
 - C. multipartite virus
 - D. polymorphic virus
36. What is a type of attacks that a hacker is repeatedly making requests of that computer system through a computer which has taken over as a zombie?
- A. Sniffer
 - B. Trojan horse
 - C. Backdoor programs
 - D. Denial-of service (DoS) attack
37. How do firewalls protect a computer from hackers?
- A. Blocking access to logical ports.
 - B. Keeping computer's network address secure.
 - C. Use network address translation (NAT) to assign internal IP addresses on a network.
 - D. All of the above.

Continued...

38. _____ is an unwanted piggyback program that usually downloads with other software you installed from the Internet and it runs in the background of your system.
- A. Spam
 - B. Adware
 - C. Spyware
 - D. Freeware
39. A user clicks on a link where the site looks like a legitimate site but is actually a fraudulent copy that the scammer has created. This is known as _____.
- A. spam
 - B. pharming
 - C. scareware
 - D. phishing
40. Which one of the following is **NOT TRUE** about the guidelines to avoid phishing and pharming scams?
- A. Use spam filters.
 - B. Do not click on a link in an e-mail to go to a website.
 - C. Use Internet security software on your computer that's constantly being updated.
 - D. Never reply directly to any e-mail asking for your personal information.

Continued...

Section B: 4 Structured Questions (60 marks)

Instruction: Write your answers in the Answer Booklet.

QUESTION 1 [15 marks]

- a) Describe **FOUR** basic types of computers. (8 marks)
- b) Define ergonomics. (2 marks)
- c) State **FIVE** guidelines that can help you more comfortable and productive when working with computer. (5 marks)

QUESTION 2 [15 marks]

- a) Lee Chong Wei plans to purchase shoes from a website. Explain **FIVE** guidelines for secure online shopping. (5 marks)
- b) Differentiate between system software and application software. Provide **TWO** examples of application for each. (6 marks)
- c) Explain any **TWO** features of accounting software. (4 marks)

QUESTION 3 [15 marks]

- a) Define **THREE** types of user interface provided by the operating system. (6 marks)
- b) Briefly explain file compression utilities. (4 marks)
- c) Describe any **FIVE** procedures to ensure your system performs reliably and secure. (5 marks)

QUESTION 4 [15 marks]

- a) Briefly explain the ways to synchronise information between smartphone and computer. (4 marks)
- b) Discuss **TWO** advantages and **TWO** disadvantages of Voice over Internet Protocol (VoIP). (4 marks)
- c) Define hacker and briefly explain **THREE** types of hackers regardless of legal or illegal purposes. (7 marks)

[TOTAL 60 MARKS]

End of Page.